Fig. 8

Moloney Murine Leukemia Virus – envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC_001501). The SU (extracellular domain) is encoded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

```
aattcttctg atgctcagag gggtcagtac tgcttcgccc ggctccagtc ctcatcaagt   5581
ctataatatc acctgggagg taaccaatgg agatcgggag acggtatggg caacttctgg   5641
caaccaccct ctgtggacct ggtggcctga ccttacccca gatttatgta tgttagccca   5701
ccatggacca tcttattggg ggctagaata tcaatcccct ttttcttctc ccccgggggcc  5761
cccttgttgc tcagggggca gcagcccagg ctgttccaga gactgcgaag aacctttaac   5821
ctccctcacc cctcggtgca acactgcctg gaacagactc aagctagacc agacaactca   5881
taaatcaaat gagggatttt atgtttgccc cgggccccac cgcccccgag aatccaagtc   5941
atgtgggggt ccagactcct tctactgtgc ctattggggc tgtgagacaa ccggtagagc   6001
ttactggaag ccctcctcat catgggattt catcacagta aacaacaatc tcacctctga   6061
ccaggctgtc caggtatgca aagataataa gtggtgcaac cccttagtta ttcggtttac   6121
agacgccggg agacgggtta cttcctggac cacaggacat tactggggct tacgtttgta   6181
tgtctccgga caagatccag ggcttacatt tgggatccga ctcagatacc aaaatctagg   6241
accccgcgtc ccaatagggc caaacccgt tctggcagac caacagccac tctccaagcc    6301
caaacctgtt aagtcgcctt cagtcaccaa accacccagt gggactcctc tctcccctac   6361
ccaacttcca ccggcgggaa cggaaaatag gctgctaaac ttagtagacg gagcctacca   6421
agccctcaac ctcaccagtc ctgacaaaac ccaagagtgc tggttgtgtc tagtagcggg   6481
acccccctac tacgaagggg ttgccgtcct gggtacctac tccaaccata cctctgctcc   6541
agccaactgc tccgtggcct cccaacacaa gttgaccctg tccgaagtga ccggacaggg   6601
actctgcata ggagcagttc ccaaaacaca tcaggcccta tgtaatacca cccagacaag   6661
cagtcgaggg tcctattatc tagttgcccc tacaggtacc atgtgggctt gtagtaccgg   6721
gcttactcca tgcatctcca ccaccatact gaaccttacc actgattatt gtgttcttgt   6781
cgaactctgg ccaagagtca cctatcattc ccccagctat gtttacggcc tgtttgagag   6841
atccaaccga cacaaaagag aaccggtgtc gttaaccctg gccctattat tgggtggact   6901
aaccatgggg ggaattgccg ctggaatagg aacagggact actgctctaa tggccactca   6961
gcaattccag cagctccaag ccgcagtaca ggatgatctc agggaggttg aaaaatcaat   7021
ctctaaccta gaaaagtctc tcacttccct gtctgaagtt gtcctacaga atcgaagggg   7081
cctagacttg ttatttctaa aagaaggagg gctgtgtgct gctctaaaag aagaatgttg   7141
cttctatgcg gaccacacag gactagtgag agacagcatg gccaaattga gagagaggct   7201
taatcagaga cagaaactgt ttgagtcaac tcaaggatgg tttgagggac tgtttaacag   7261
atccccttgg tttaccacct tgatatctac cattatggga cccctcattg tactcctaat   7321
gattttgctc ttcggaccct gcattcttaa tcgattagtc caatttgtta aagacaggat   7381
atcagtggtc caggctctag ttttgactca acaatatcac cagctgaagc ctatagagta   7441
cgagccatag ataaaataaa agattttatt tagtctccag aaaaaggggg gaatgaaaga   7501
```